PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3911636

SUBMISSION TYPE:	NEW ASSIGNMENT
------------------	----------------

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NISSIN KOGYO CO., LTD.	06/08/2016

RECEIVING PARTY DATA

Name:	AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD.
Street Address:	840, KOKUBO
City:	UEDA-SHI, NAGANO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 7

Property Type	Number
Patent Number:	8219296
Patent Number:	8554435
Patent Number:	8548642
Patent Number:	8725377
Patent Number:	8386143
Patent Number:	8682556
Patent Number:	8332112

CORRESPONDENCE DATA

Fax Number: (216)566-9700

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 2165669700

Email: almasy@rankinhill.com

Correspondent Name: RANKIN HILL AND CLARK LLP

Address Line 1: 38210 GLENN AVENUE

Address Line 4: WILLOUGHBY, OHIO 44094

ATTORNEY DOCKET NUMBER: SHM-18135

NAME OF SUBMITTER: DAVID E. SPAW

SIGNATURE: /David E. Spaw/

DATE SIGNED: 06/09/2016

Total Attachments: 2

PATENT REEL: 038870 FRAME: 0309

503864987

source=18135-Assignment#page1.tif source=18135-Assignment#page2.tif

PATENT REEL: 038870 FRAME: 0310

ASSIGNMENT

WHEREAS, NISSIN KOGYO CO., LTD., a corporation of Japan, located at 840, Kokubu, Ueda-shi, Nagano, Japan, has acquired rights to the United States Patents identified in Schedule A (attached), hereinafter referred to as the Patents; and

WHEREAS, AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD., a corporation of Japan, located at 840, Kokubo, Ueda-shi, Nagano, Japan, is desirous of acquiring NISSIN KOGYO CO., LTD.'s right, title and interest in and to said Patents;

NOW THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN THAT the said NISSIN KOGYO CO., LTD., for good and valuable consideration, the receipt and sufficiency of which from AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD., is hereby acknowledged, has sold, assigned, transferred and conveyed, and by these presents sell, assign, transfer and convey unto said AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD., its successors and assigns, its entire right, title and interest in the various inventions embodied, set forth, and described in said Patents.

AND, NISSIN KOGYO CO., LTD., does hereby authorize and request the Commissioner of Patents to register said Patents in the name of AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD. as assignee of NISSIN KOGYO CO., LTD.'s entire right, title and interest in and to the same, for use and benefit of AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD., its successors and assigns.

AND, AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD., does hereby accept this Assignment with all its rights and obligations.

The undersigned hereby grants the firm of Rankin, Hill & Clark LLP the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, the parties have signed this Assignment on the dates below written.

ASSIGNEE:

ASSIGNOR:

NISSIN KOGYO CO., LTD.	AUTOLIV NISSIN BRAKE SYSTEMS JAPAN CO., LTD.
Yaerkho Isuchija	Toshio Yahagi
Name: <u>Yasuhiko Tsuchiya</u>	Name: Toshio Yahagi
Title: <u>General Manager</u>	Title: Senion Manageh.
Date: June 8, 2016	Date:June 8, 2016

SCHEDULE A

US Patent No.	Assigned to NISSIN KOGYO CO., LTD. on:	Reel	<u>Frame</u>
8,219,296	February 19, 2016	03773	0668
8,554,435	February 19, 2016	03773	0668
8,548,642	February 19, 2016	03773	0668
8,725,377	February 19, 2016	03773	0668
8,386,143	February 19, 2016	03773	0668
8,682,556	February 19, 2016	03773	0668
8,332,112	February 19, 2016	03773	0668

RECORDED: 06/09/2016

PATENT REEL: 038870 FRAME: 0312